



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**APPLICANT:** Dong Weon Yoon  
**SERIAL NO.:** 10/501,384  
**FILING DATE:** July 13, 2004  
**TITLE:** APPARATUS FOR CONTINUOUS PHASE QUADRATURE  
AMPLITUDE MODULATION AND DEMODULATION  
**EXAMINER:** Kinkead, Arnold M. **TELEPHONE NO.:** (571) 272-1763  
**ART UNIT:** 2817 **FAX NO:** (571) 273-8300

**CERTIFICATE OF MAILING**

I hereby certify that this paper is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Mail Stop ISSUE FEE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date printed below:

Date: 1-20-06

Name: Geneva Walls

Geneva Walls

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**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria VA 22313-1450**

**APPLICANT'S COMMENTS ON REASONS FOR ALLOWANCE**

These comments are responsive to the Notice of Allowance mailed on October 21, 2005.

Submitted herewith is a copy of PCT Notification Concerning Submission or Transmittal of Priority Document showing receipt of a certified copy of the priority document.

The following is Applicant's comments on the Examiner's statement of reasons for allowance.

The Examiner is thanked for the kind allowance of all pending claims (i.e. claims 1-19). Applicants acknowledge the Examiner's statement of reasons for allowance as set forth in the Notice of Allowance. However, Applicants point out that the reasons for allowability of the above referenced claims are not limited to the reasons for allowance as set forth in the Notice of

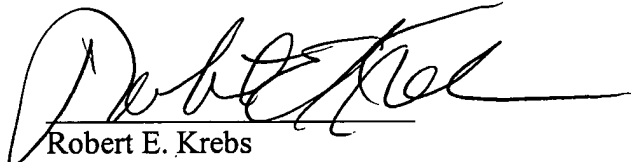
Allowance, and that additional reasons for allowability may exist, each of which may be independently sufficient to establish the patentability of one or more pending claims.

Applicants respectfully reserve the right to introduce, articulate, or otherwise comment on any such additional reasons for allowance as may be appropriate in any future proceedings concerning the claimed invention.

Please charge any additional required fee or credit any overpayment to our deposit account number 50-1698.

Respectfully submitted,  
THELEN REID & PRIEST LLP

Dated: Jan 20 2006

  
Robert E. Krebs  
Reg. No. 25,885

Thelen Reid & Priest LLP  
P.O. Box 640640  
San Jose, CA 95164-0640  
Tel.: 408-292-5800  
Fax: 408-287-8040

SV #233972 v1

## PATENT COOPERATION TREATY

PCT

From the INTERNATIONAL BUREAU

To:

LEE, Young-Pil  
The Cheonghwa Building  
1571-18, Seocho-dong Seocho-gu  
137-874 Seoul  
Republic of Korea

**NOTIFICATION CONCERNING  
SUBMISSION OR TRANSMITTAL  
OF PRIORITY DOCUMENT**

(PCT Administrative Instructions, Section 411)

Date of mailing (day/month/year) 04 March 2003 (04.03.03)	<b>IMPORTANT NOTIFICATION</b>
Applicant's or agent's file reference GT-18740-PCT	
International application No. PCT/KR03/00072	International filing date (day/month/year) 14 January 2003 (14.01.03)
International publication date (day/month/year) Not yet published	Priority date (day/month/year) 14 January 2002 (14.01.02)
Applicant YOON, Dong-Weon	

1. The applicant is hereby notified of the date of receipt (except where the letters "NR" appear in the right-hand column) by the International Bureau of the priority document(s) relating to the earlier application(s) indicated below. Unless otherwise indicated by an asterisk appearing next to a date of receipt, or by the letters "NR", in the right-hand column, the priority document concerned was submitted or transmitted to the International Bureau in compliance with Rule 17.1(a) or (b).
2. This updates and replaces any previously issued notification concerning submission or transmittal of priority documents.
3. An asterisk(\*) appearing next to a date of receipt, in the right-hand column, denotes a priority document submitted or transmitted to the International Bureau but not in compliance with Rule 17.1(a) or (b). In such a case, the attention of the applicant is directed to Rule 17.1(c) which provides that no designated Office may disregard the priority claim concerned before giving the applicant an opportunity, upon entry into the national phase, to furnish the priority document within a time limit which is reasonable under the circumstances.
4. The letters "NR" appearing in the right-hand column denote a priority document which was not received by the International Bureau or which the applicant did not request the receiving Office to prepare and transmit to the International Bureau, as provided by Rule 17.1(a) or (b), respectively. In such a case, the attention of the applicant is directed to Rule 17.1(c) which provides that no designated Office may disregard the priority claim concerned before giving the applicant an opportunity, upon entry into the national phase, to furnish the priority document within a time limit which is reasonable under the circumstances.

<u>Priority date</u>	<u>Priority application No.</u>	<u>Country or regional Office or PCT receiving Office</u>	<u>Date of receipt of priority document</u>
14 Janu 2002 (14.01.02)	10-2002-0002018	KR	31 Janu 2003 (31.01.03)

The International Bureau of WIPO  
34, chemin des Colombettes  
1211 Geneva 20, Switzerland

Facsimile No. (41-22) 740-1435

Authorized officer

Ki-Nam HA

Telephone No. (41-22) 338 8031

**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/501,384	
	Filing Date	July 13, 2004	
	First Named Inventor	Dong Weon Yoon	
	Art Unit	2817	
	Examiner Name	Kinthead, Arnold M.	
Total Number of Pages in This Submission	6	Attorney Docket Number	035967-006

**ENCLOSURES (check all that apply)**

<input checked="" type="checkbox"/> Credit Card Payment Form 2038 <input checked="" type="checkbox"/> Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input checked="" type="checkbox"/> Certified Copy of Priority Document(s) PCT/IB/304 <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input checked="" type="checkbox"/> Applicant's Comments on Reasons For Allowance <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): PART B-Issue Fee(s) Transmittal-PTOL-85 TRP/PTO Codes: 710/1501-\$1,400.00; 710/1504-\$300.00; 755/8001-\$3.00 (1)
<b>Remarks</b>		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm	Thelen Reid & Priest LLP		
Signature			
Printed Name	Robert E. Krebs		
Date	1/20/06	Reg. No.	25,885

**CERTIFICATE OF TRANSMISSION/MAILING**

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Typed or printed name	Geneva Walls	Date	1-20-06

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.